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TRANSMITTAL FORM <i>(to be used for all correspondence after initial filing)</i>	Application Number	10,699,199
	Filing Date	Nov. 3, 2003
	First Named Inventor	Todd A. Williams et al
	Art Unit	1744
	Examiner Name	
Total Number of Pages in This Submission	Attorney Docket Number	12,458

ENCLOSURES (Check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance communication to Group
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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Art Unit 1744

Examiner:

Applicant:

Todd A. Williams et al

Serial No.:

10/699,199

Filed:

November 3, 2003

For:

**SCRUBBING DEVICE
ATTACHABLE TO A MOP**

Pasadena, California
June 18, 2004

SUPPLEMENTARY DISCLOSURE STATEMENT

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Examiner's attention is directed to the following
patents:

U.S. Patent 6,105,193 to Williams et al discloses
an invention relating generally to treatment such as
cleaning of surfaces, and more particularly, to
improvements in apparatus for scrubbing and mopping of
surfaces by force application, as via an elongated
handle.

U.S. Patent 6,085,377 to Williams et al discloses

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an invention relating generally to treatment such as cleaning of surfaces, and more particularly, to improvements in mops, mop retention and mounting, apparatus for scrubbing and mopping of surfaces by force application, as via an elongated handle.

U.S. Patent 5,964,005 to Williams et al discloses an apparatus for scrubbing and mopping a surface, comprising a supporting carrier, including a block and scrubbing media carried by the carrier, to project toward the surface for scrubbing that surface.

U.S. Patent 5,918,340 to Young discloses a holder for releasably clamping a mop head to a mop handle including an elongated clamping member which is hinged at one end and snap fits at the other.

U.S. Patent 5,903,948 to Williams et al discloses apparatus related generally to treatment such as cleaning surfaces, and more particularly to improvements in apparatus for scrubbing and mopping of surfaces by force application, as via an elongated handle.

U.S. Patent 5,724,696 to Di Giammarino discloses improvement to a mop head retainer for use with a mop handle and mop head including adding a pressure bar to a protective bar.

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U.S. Patent 5,661,866 to Cameron discloses a mop assembly which includes a triangular-shaped support bar having straight terminal end portions attached to a mop handle by two or more transverse bolts.

U.S. Patent 5,584,091 to Borofsky discloses a cleaning apparatus and a wringer apparatus.

U.S. Patent 5,522,110 to Borofsky discloses a floor mop including a cleaning surface characterized by a brush portion and an absorbent material portion, and a wringer configured to engage and squeeze moisture from the absorbent material portion of the cleaning surface without engaging the brush portion.

U.S. Patent 5,435,852 to Robinson discloses a mop assembly having a pair of mop holders which grip a mop fabric.

U.S. Patent 4,928,342 to Friedman et al discloses a mop holder for a yarn-type mop head comprising a shank which is adapted for connection to a mop handle and an elongated member which has a threaded rod extending therefrom.

U.S. Patent 4,802,782 to Scalf discloses a cleaning tool or instrument designed generally to clean carpets and like surfaces and more specifically designed to remove spots, stains, etc. therefrom.

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U.S. Patent 3,964,121 to Kim discloses a floor mop which is provided with a ready removable brush means so that a floor surface can be quickly and thoroughly cleaned.

U.S. Patent 3,906,580 to Smith et al discloses a brush attachment for optional use with a mop frame of the type having a pair of pivoted and lockable wings engagable in opposed pockets of a mop when in planar relationship and swingable to non-planar relationship to permit the wings to be disengaged with the pockets.

U.S. Patent 3,167,798 to Dryden discloses a combination mop head holder and brush holder means including a base means with a handle, spaced clamping bar means with respect to a portion of a mop head means to lock the mop head in relationship to the base and handle to be suitable for any type of mopping.

U.S. Patent 3,157,901 to Murphy discloses a sponge mop having a detachable head or the like.

U.S. Patent 2,988,766 to Anderson discloses an improved mop head and to a device for releasably attaching the mop head to a handle.

U.S. Patent 2,712,144 to F. Dunn discloses an improved mop head which is specifically constructed to permit removal of a mop from the mop head without

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necessitating manual contact with the mop.

U.S. Patent 2,701,888 to Vosbikian et al discloses a detachable bracket for mops of the type which are provided on one face with absorbent sponger material or cleaning material, the bracket being adapted to adjustable receive a cleaning tool such as for example a brush as discloses.

U.S. Patent 2,691,788 to Thomasson discloses a mop particularly designed for cleaning the rounded surfaces and corners of bath tubs, as well as flat surfaces such as that of tile.

U.S. Patent 2,683,886 to Newmann discloses means for holding cleaning elements such as brushes, sponges and mops, and more particularly to holding a plurality of such elements simultaneously.

U.S. Patent 2,678,458 to Vosbikian et al discloses a novel flexible mop head having sponge material secured to a flexible backing such as a thin strip of flexible rubber with a handle supported by a single bolt secured to the backing.

U.S. Patent 2,641,787 to Vosbikian et al discloses a novel mop having mop material of different characteristics, one portion being flexible, resilient and liquid absorbent, and another portion being stiffer

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and less flexible, the portions being mounted for relative movement towards and away from each other, whereby when moved towards each by the operator the dirty water will be pressed out of the mop material.

U.S. Patent 2,637,867 to Kalinowski discloses a mop and brush to provide a novel cleaning applicant that can be employed for both loosening or breaking up spots of material which adhere to the surfaces of floors, linoleum or the like, and cleaning such surfaces with a mopping action.

U.S. Patent 2,568,218 to Campbell discloses clamps for mop handles and more particularly relates to such clamping means which permit the mop to be readily inserted and removed or replaced, yet securely grips and holds the mop body in place during mopping operations and permits convenient wringing thereof.

U.S. Patent 2,518,765 to Ecker discloses a cleaning device and more particularly to a laminar brush and mop.

U.S. Patent 2,196,365 to Schulman discloses a mop device comprising cooperative cleaning means including a mop proper, and a scraper.

U.S. Patent 2,133,148 to Paul discloses a combined mop and scrubbing brush which may be used either as a

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scrubbing brush or as a mop, and which necessitates only simple manipulation to effect the change from one to the other.

U.S. Patent 2,065,407 to Steuernagel discloses a mop holder to provide an extremely simple device for positively holding the mop head in place while at the same time permitting quick detachment of the mop head by releasing one simple catch.

U.S. Patent 1,760,614 to Weintraub discloses scrubbing and mopping devices for cleaning flat surfaces and has as one of its objects the provision of a combined brush and mop, the latter being detachably connected at will.

U.S. Patent 1,748,202 to Bloomfield discloses improvements in devices for scrubbing and mopping floors, linoleum, oil cloths and like surfaces which have to periodically cleaned.

U.S. Patent 1,643,878 to Crouch discloses a mop composed of a strip or strips of material that are woven or knitted into tubular form, the strip or strips being folded and extended back and for the from end to end of the mop, and this mop structure may be composed of a single or a plural number of these tubular pieces, in the preferred for a single strip being employed.

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U.S. Patent 1,589,253 to Smiechewicz discloses a combination floor brush and mop of novel construction embodying means to permit rapid changing from a brush to a mop, or vice versa without disassembling the device in any way.

U.S. Patent 1,576,777 to Moore discloses mop-cloths and providing a mop-cloth of the strand type in which the strands will be so firmly held that they cannot become loose and to provide a mop-cloth of greater durability than those now in use.

U.S. Patent 1,563,829 to Brown discloses a device for application of wax, cream, paste and other analogous polishing and preserving substances or preparations to floors and smooth surfaced floor coverings such as linoleum.

U.S. Patent 1,331,477 to Albin discloses a device for combined mops and scrubbers to provide an implement capable of being used as a mop or as a scrubber for cleaning surfaces where both devices may be needed, without the necessity of employing separate implements for the purpose.

U.S. Patent 1,221,606 to Sadler discloses means for the attachment of a number of brushes of various kinds to a common holder, consisting of bolts passing

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through one of the brushes and through brackets secured to the other brushes to permit their attachment to the holder, which is in the form of a reservoir.

U.S. Patent 1,171,768 to Browning discloses a device for scrubbing and mopping floors and the like and also to the wringing of the mopping device.

U.S. Patent 1,171,161 to Wingender discloses a mop holder comprising a cross head member, the opposite ends of which are provided with apertures and a clamp, rod or bar having an end member at an angle thereto and adapted to be passed through one of said apertures, and a screw passed through the other of said apertures and provided at the end with a hook adapted to engage the free end of the clamp, rod or bar and at the other end with a nut.

U.S. Patent 1,067,570 to Ziegler discloses a floor cleanser employing a mop and means for wringing the mop.

U.S. Patent 981,756 to Glancey discloses improvements in combined mop and scrubbing brush holders.

U.S. Patent 937,007 to McLaughlin discloses certain improvements in the construction of mops.

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U.S. Patent 798,532 to Sanders discloses combining mops and scrubbing-brushes so that the mop will travel in the rear of the brush and take up the water and scour what may have been passed over by the brush; and a further object is to arrange a water-reservoir above the brush and feed the water to the brush during the scrubbing operation.

U.S. Patent 732,743 to Held discloses means for the production of combined mops and scrub-brushes so contrived and arranged that they may be used both in such combination and separately; and consists of certain new and useful features of construction and combinations of parts especially devised to those ends.

U.S. Patent 729,581 to Held discloses means for the production of combined mops and scrub-brushes so contrived and arranged that they may be used both in such combination and separately; and consists of certain new and useful features of construction and combinations of parts especially devised to those ends.

U.S. Patent 702,998 to Randolph discloses a scrubbing-brush and mop, which provides a device capable of ready attachment to a scrubbing-brush to which any suitable material may be secured to form a mop.

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U.S. Patent 701,657 to Wilson discloses a mop-holder providing for applying a brush to a mop-holder, so that the device may be used to scrub as well as mop. It is furthermore designed to apply the brush holder in the nature of an attachment, so as to obviate changes or alterations in the ordinary mop-holder, and also to locate the brush holder so as not to interfere with the mop-rag.

U.S. Patent 625,628 to Wray discloses a combined scrubbing-brush, mop, and window-cleaner; and the object is to provide a simple, inexpensive, and convenient device of this character.

U.S. Patent 512,543 to Froberg discloses a mop head.

U.S. Patent 399,223 to Varney discloses a device in which the mop and brush may be secured to a single device, to be used alternately, or either may be secured thereto without the other. In case of damage to either the mop or the brush, it can be easily removed and a new one substituted therefor.

U.S. Patent 377,955 to O'Brien discloses an effective cleaning or scouring device with a scraper to partly surround the brush the scraper preventing water and dirt from escaping at the sides of the brush.

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U.S. Patent 275,294 to Titus discloses a grooved mop head, consisting of a grooved head and a spring-clamp having thereon a handle, one end thereof engage with and swing upon one end of the head, combined and operating substantially as set forth.

U.S. Design Patent 358,487 to Kneesch et al discloses an ornamental design for a combined pad and brush cleaning implement, as shown and described.

French Patent 1,309,326 discloses a combination brush and sponge apparatus with elements overlaid.

Canadian Patent 737,140 discloses a floor mop with brush attachment.

Norwegian Patent 40362 discloses a floor mop with brush attachment.

U.K. Patent 155,174 discloses a floor mop with brush attachment.


Publication

'Edge Hog - An Advanced Cleaning Tool' discloses a mop handle by Emsco Group, Girard, PA.

Copies of the above patents/publication are enclosed. They are believed not to teach, suggest or otherwise render obvious the invention as disclosed or claimed herein.

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Respectfully submitted,

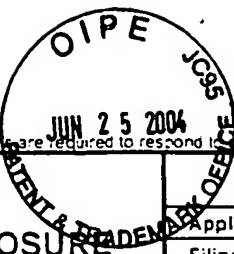


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WWH:ts

Docket 12,458

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Application Number	10/699,199
				Filing Date	Nov. 3, 2003
				First Named Inventor	Todd A. Williams et al
				Group Art Unit	1744
Examiner Name					
Attorney Docket Number	12,458				
Sheet	1	of	3		

U.S. PATENT DOCUMENTS						
Examiner Initials ¹	Cite No. ²	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ³ (if known)			
		6,105,193		Williams et al	08-22-2000	
		6,085,377		Williams et al	07-11-2000	
		5,964,005		Williams et al	10-12-1999	
		5,918,340		Young	07-06-1999	
		5,903,948		Williams et al	05-18-1999	
		5,724,696		Di Giammarino	03-10-1998	
		5,661,866		Cameron	09-02-1997	
		5,584,091		Borofsky	12-17-1996	
		5,522,110		Borofsky	06-04-1996	
		5,435,852		Robinson	07-25-1995	
		4,928,342		Friedman et al	05-29-1990	
		4,802,782		Scalf	02-07-1989	
		3,964,121		Kim	06-22-1976	
		3,906,580		Smith et al	09-23-1975	
		3,167,798		Dryden	02-02-1965	
		3,157,901		Murphy	11-24-1964	
		2,988,766		Anderson et al	06-20-1961	
		2,712,144		Dunn	05-05-1955	
		2,701,888		Vosbikian et al	10-19-1954	
		2,691,788		Thomasson		

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ⁴	Kind Code ⁵ (if known)				
			737,140		Canada			
			1,309,326		France			
			43062		Norway			
			155,174		U.K.			

Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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(use as many sheets as necessary)

Sheet	2	of	3
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U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No.†	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
		2,683,886		Neumann	07-20-1954	
		2,678,458		Vosbikian et al	05-18-1954	
		2,641,787		Vosbikian et al	06-16-1953	
		2,637,867		Kalinowski	05-12-1953	
		2,568,218		Campbell	09-18-1951	
		2,518,765		Ecker	08-15-1950	
		2,196,365		Schulman	04-9-1940	
		2,133,148		Paul	10-11-1938	
		2,065,407		Steuernagel	12-22-1936	
		1,760,614		Weintraub	05-27-1930	
		1,748,202		Bloomfield	02-25-1930	
		1,643,878		Crouch	09-27-1927	
		1,589,253		Smiechewicz	06-15-1926	
		1,567,777		Moore	03-16-1926	
		1,563,829		Brown	12-01-1925	
		1,331,477		Albin	02-24-1920	
		1,221,606		Sadler	04-03-1917	
		1,171,768		Browning	02-15-1916	
		1,171,161		Wingender	02-08-1916	
		1,067,570		Ziegler	07-15-1913	

[illegible]Date
Considered

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language translation is attached.

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Sheet	3	of	3	Attorney Docket Number	12,458
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[illegible][illegible]Date
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